

FIG. 3

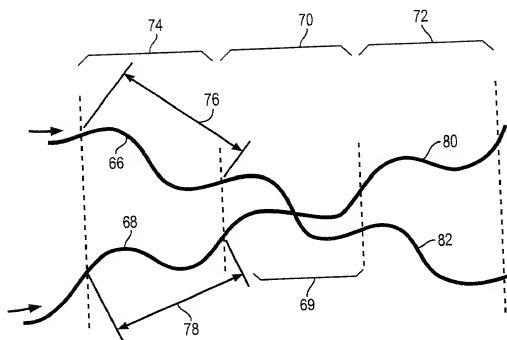


FIG. 4

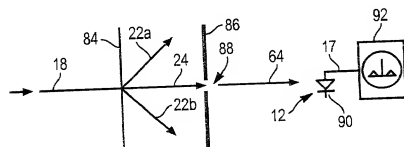


FIG. 5

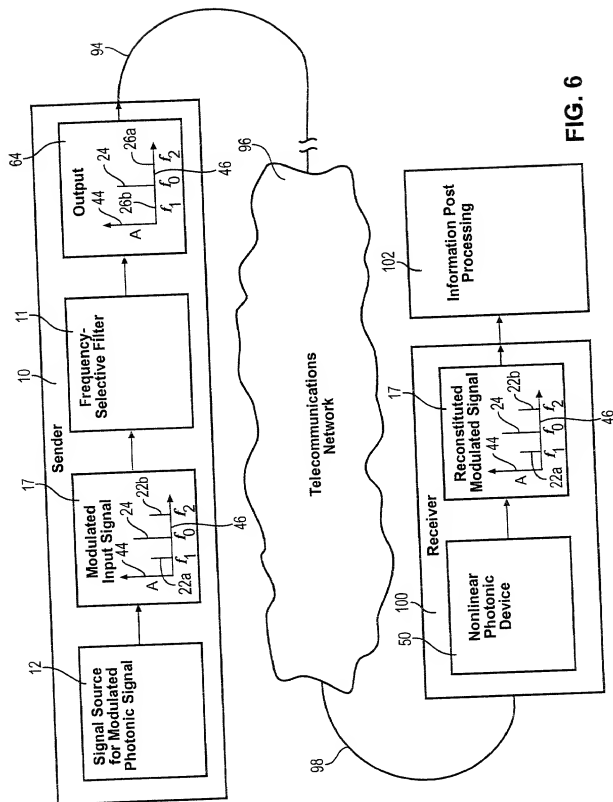
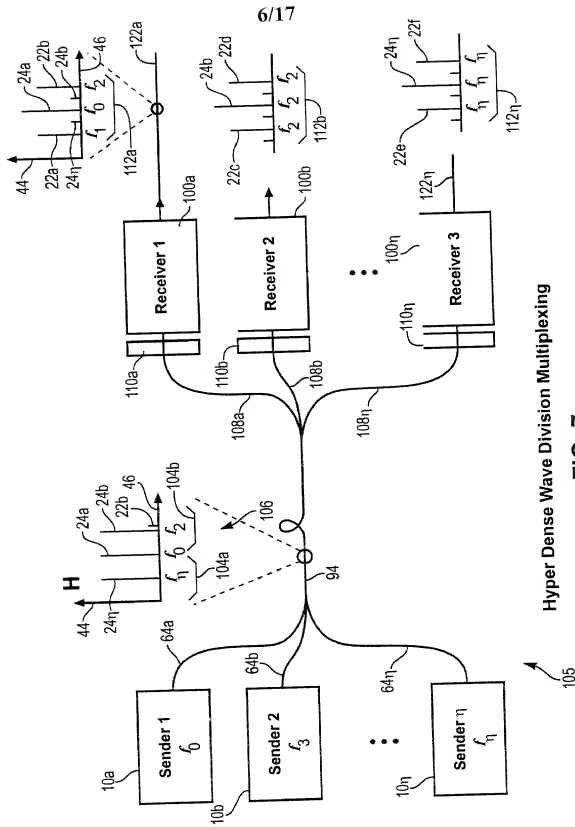


FIG. 6



Hyper Dense Wave Division Multiplexing

FIG. 7

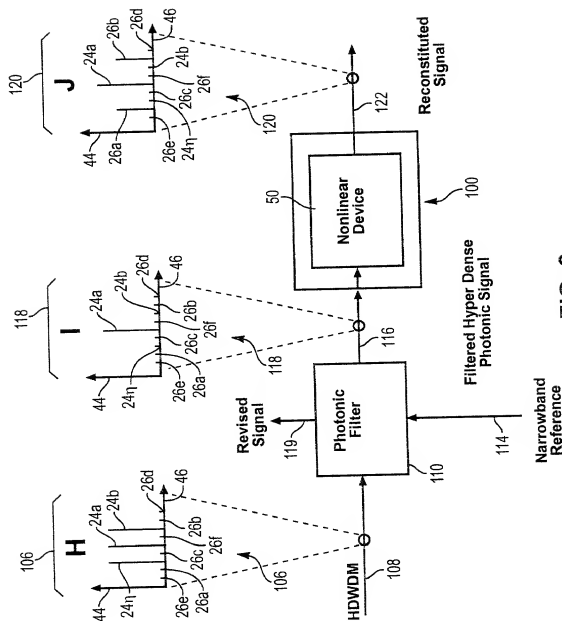
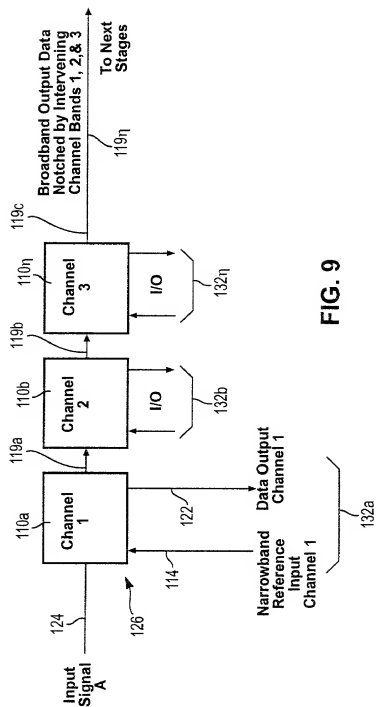


FIG. 8

Hyper Dense Wave Division Demultiplexor (HDWDDM) Using Drop-Filter Band Selection



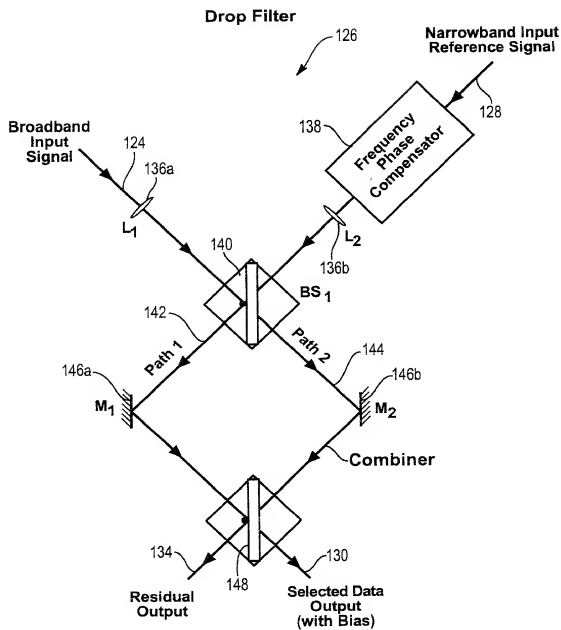


FIG. 10

**Super Hyper Wave Division Demultiplexor (HDWDDM)
Using Drop Filter Band Selection**

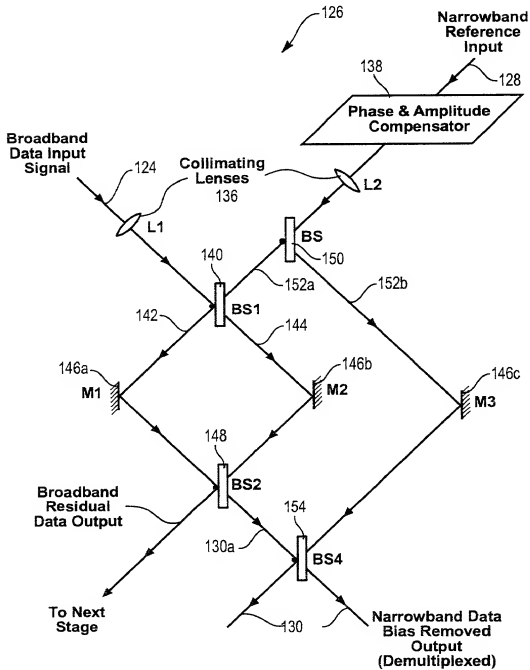


FIG. 11



FIG. 12

Channel-Selection Process

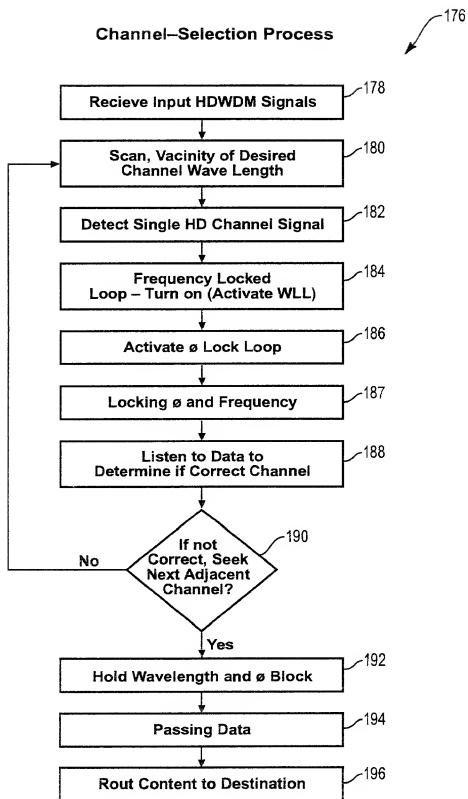
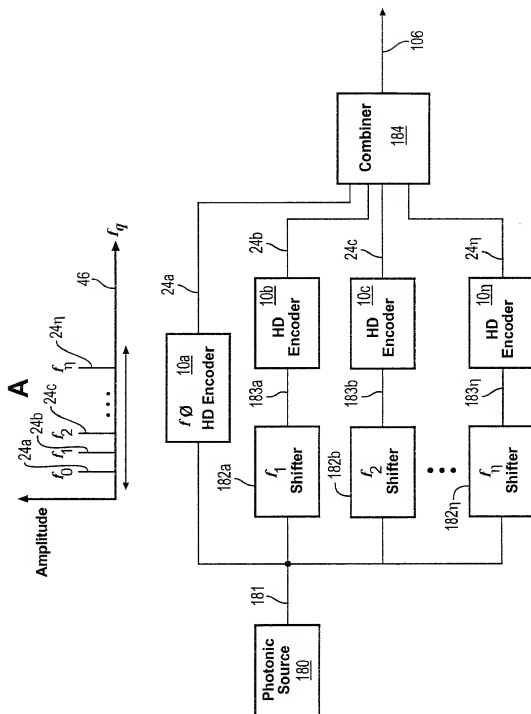
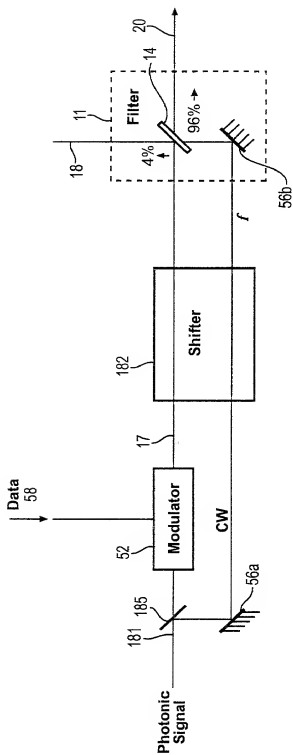


FIG. 13



HDWDM Multiplexer

FIG. 14



Hyper Dense Frequency Shifted Signals

FIG. 15

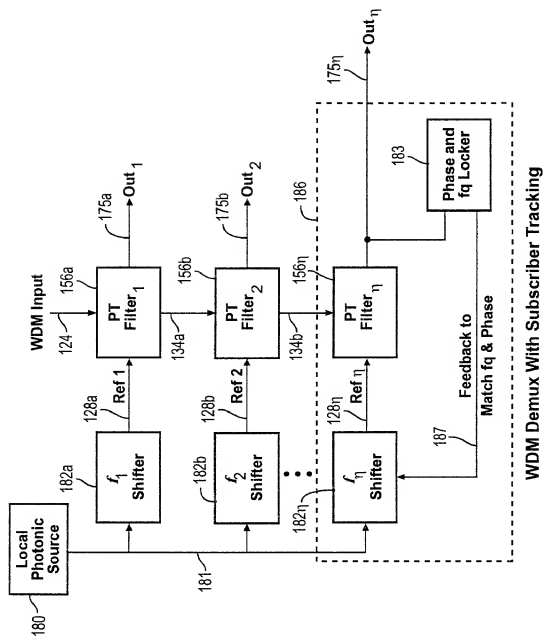
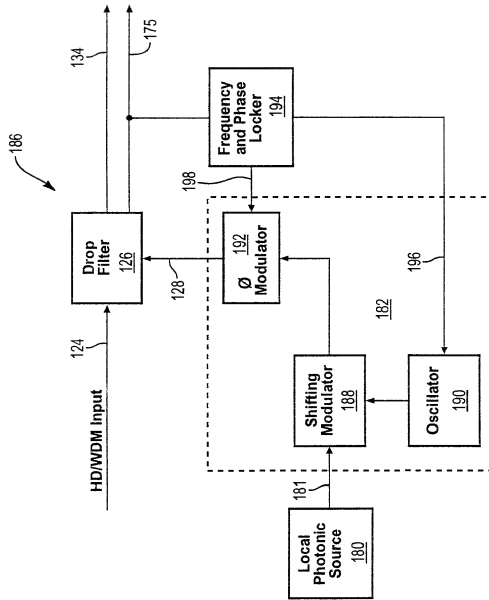
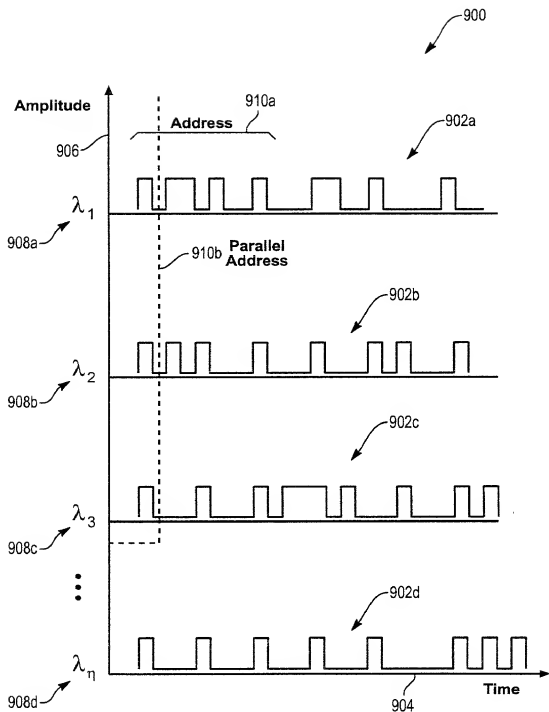


FIG. 16



Channel Separation Assembly

FIG. 17



Multi-Wavelength Packet

FIG. 18